Run on:

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Minimum DB
Maximum DB
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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seq length:
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1: /ggn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                       Query
 June 18, 2001, 15:31:01; Search time 28.21 Seconds (without alignments) 152.816 Million cell updates/sec
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Gapop 10.0 , Gapext 0.5
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US-08-792-824-3
US-08-792-824-12
US-08-792-824-12
US-08-792-129A-8
PCT-US94-14106-57
PCT-US94-14106-61
US-08-792-824-6
US-08-792-824-6
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US-08-792-824-6
           US-08-630-820-6

US-08-397-411-12

US-08-887-352B-13

US-08-466-151-9

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Compugen Ltd
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           Patent No. 5455030
Sequence 4, Appli
Sequence 5, Appli
Sequence 37, Appli
Sequence 37, Appli
Sequence 37, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 6, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 13, Appli
Sequence 39, Appli
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Sequence
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5455030-3
; Patent No.
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Result No.

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61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
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Sequence 17, Appl	Sequence 15, Appl	Sequence 24, Appl		Sequence 17, Appl	Sequence 15, Appl	Sequence 2, Appli	Sequence 10, Appl	Sequence 6, Appli	Sequence 25, Appl	Sequence 25, Appl	Sequence 25, Appl	Sequence 2, Appli	Sequence 40, Appl	Sequence 2, Appli	Sequence 2, Appli	•	Sequence 11, Appl

ALIGNMENTS

FILING DATE: SEQ ID NO:3: LENGTH: 215 POLYPEPTIDE BINDING MOLECULES NUMBER OF SEQUENCES: 24 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/40 FILING DATE: 1-APR-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: 512,910 FILING DATE: 25-APR-1990 APPLICATION UMBER: 299,617 FILING DATE: 19-JAN-1989 APPLICANT: LADNER, ROBERT C.; BIRD, TITLE OF INVENTION: IMMUNOTHERAPHY APPLICATION NUMBER: 902, FILING DATE: 01-SEP-1986 APPLICATION NUMBER: 92,110 FILING DATE: 02-SEP-1987 5455030 902,971 US/08/40,440 ROBERT E.; HARDMAN, USING SINGLE CHAIN KARL

RESULT US-08-7 Seque Paten GENE	Qy	Db Qy	Qу	Дy	Que Bes Mat
RESULT 2 US-08-737-129A-4 ; Sequence 4, Application US/08737129A ; Patent No. 5885816 ; Patent No. TAYROYMATION:	180 TLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214 	120 PSSEQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTL 179 	61 ARFSGSGSGTSYSLTISSVEAEDAATYYCQQYSGY-RTFGGGTKLEIKRADAAPTVSIFP 119 	1 ENVLTQSPAIMSASPGEKVTMTCRASSSVSSSYLHWYRQKSGASPKLWIYSTSNLASGVP 60 	Ouery Match 92.6%; Score 1038.5; DB 6; Length 215; Best Local Similarity 93.0%; Pred. No. 1.5e-75; Matches 200; Conservative 10; Mismatches 4; Indels 1; Gaps

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; TYPE: amino acid
; STRANDEDNESS: sing
; TOPOLOGY: linear
; MOLECULE TYPE: pepti
US-08-737-129A-4
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                                                                                            Sequence 5, Application US/08303569B Patent No. 5859205 GENERAL INFORMATION:
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: IKUO FUJII e:
TITLE OF INVENTION: CATI
TITLE OF INVENTION: HYDI
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                          APPLICANT: Adalr, John R.
APPLICANT: Athwal, Dilject S.
APPLICANT: Emtage, John S.
TITLE OF INVENTION: Humanised Antibodies
CORRESPONDENCE ADDRESS:
                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 213 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, J
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Wordperfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
                                                                                                                                                                                                              179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                                           LTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
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                                                                                                                                                                                                                                                                                                                                                                                                       ELVMTQTPAIMSASPGEKVTMTCSASSSI~-SYMHWYQQKPGTPPKRWIYGTSKLTSGVP 58
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805 Fifteenth Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ikuo FUJII et al.
VENTION: CATALYTIC ANTIBODIES ENANTIOSELECTIVELY
VENTION: HYDROLYSING AMINO ACID ESTER DERIVATIVE:
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                                                                                                                                                                                                                                                                                                     Sequence 5, Applic
Patent No. 5929212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 190;
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Best Local Similarity
                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (215) 568-34: INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                           APPLICANT: Jolliffe, Linda K.
APPLICANT: Zivin, Robert A.
APPLICANT: Adair, John R.
APPLICANT: Adair, John R.
APPLICANT: Athwal, Diljeet S.
APPLICANT: OF INVENTION: CD3 Specific Recombinant Antibody
                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Trujillo, Doreen Yatko
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CARI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
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CURRENT APPLICATION DATA:
US/08/303,569B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  143
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                                                                                                                                                                                                                                                                                                                                                                                                              203 TKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                   COUNTRY: UZIP: 19103
                                                                                        STATE:
                                                                                                    STREET: One Liberty
CITY: Philadelphia
   COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      63 FSGSGSGTSYSLTISSVEAEDAATYYCQQYSGYR-TFGGGTKLEIKRADAAPTVSIFPPS 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/0 FILING DATE: 07-SEP-1994 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859205ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                           ADDRESSEE: Woodcock Wasburn Kurtz Mackiewicz & No. 5929212ris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 VLTQSPAIMSASPGEKVTMTCRASSSVSSSYLHWYRQKSGASPKLWIYSTSNLASGVPAR 62
                                                                                                                                                                                                                                                                                                                                                                                                                                             TKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTL 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FRGSGSGTSYSLTISGMEAEDAATYYCQQWSSNPFTFGSGTKLEINRADTAPTVSIFPPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         VLTQSPAIMSASPGEKVTMTCSASSSV--SYMNWYQQKSGTSPKRWIYDTSKLASGVPAH
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                                                                                                                         One Liberty Place -
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(215) 568-247
                                                                       USA
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E: Floppy disk
IBM PC compatible
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89.2%;
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                                                                                                                          46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                               214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14;
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; MOLECULE TYPE: protein US-08-116-247-5
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                                                                                                                                                                                                                                                                                                                                                                       Sequence 34, Application US/08353400 Patent No. 5665357
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                                                FILING DATE: 03-JUN-1994 INFORMATION FOR SEQ ID NO: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (215) 568-34: (NFORMATION FOR SEQ ID NO:
                                                                                        CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNBER: GB 9324819.3
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 235 amino acids
TYPE: amino acid
                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: PROTEINS NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: CAI
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APPLICATION NUMBER: US 07/743,377
FILING DATE: 10-CCT-1991
ATTORNEY/AGENT INFORMATION:
                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     182 TKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
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                                                                                                                                                                             APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                            COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 83 FRGSGSGTSYSLTISGMEAEDAATYYCQQWSSNPFTFGSGTKLEINRADTAPTVSIFPPS 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   63 FSGSGSGTSYSLTISSVEAEDAATYYCQQYSGYR-TFGGGTKLEIKRADAAPTVSIFPPS 121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 VLTQSPAIMSASPGEKVTMTCRASSSYSSSYLHWYRQKSGASPKLWIYSTSNLASGVPAR 62
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              219 amino acids
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89.2%;
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ER: CARP-0011
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Pred. No. 7.8e-71;
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US-08-353-400-37; Sequence 37, Application; Patent No. 5665357
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Best Local
                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 03-JUN-19
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 424
PRIOR APPLICATION UNMBER: GB 932
FILING DATE: 03-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 941
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TITLE OF INVENTION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                      Local Sir
hes 172;
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Local Similarity 79.3%; Pred. No. 1.9e-64;
nes 172; Conservative 18; Mismatches 22;
                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: lin
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
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                                                        GVPARFSGSGSGTSYSLTISSVEAEDAATYYCQQYSGYRTFGGGTKLEIKRADAAPTVSI 117
                                                                                                            VMSQSPSSLAVSAGEKVTMSCKSSQSLLNSRTRKNYLAWYQQRPGQSPKLLIVWASTRTS
FPPSSEQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSS
                               GVPDRFTGSGSGTDFTLTISSVQAEDLAIYYCKQSYTLRTFGGGTKLEIKRADAAPTVSI 142
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                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                      80.2%; Score 898.5; DB 1; 79.3%; Pred. No. 2.2e-64; tive 18; Mismatches 22;
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                                                                                                                                                                                                                           Length 239;
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US-08-792-824-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 410-671-2534
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
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ATTONEY/AGENT INFORMATION:
NAME: Biffoni, U. J.
REGISTRATION NUMBER: 39,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: U.S. Army Chemical and Biological Defense ADDRESSEE: Command
                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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CITY: A
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                                                                                                                                                                                64 SGSGSGTSYSLTISSVEAEDAATYYCQQY-SGYRTFGGGTKLEIKRADAAPTVSIFPPSS 122
                                                                                                                                                                                                                                                                                              Local Similarity nes 171; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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                                                                                                                                                                                                                                26 MTQSPASLSASVGETVTTTCRASGNI-HNYLAWYQQKQGKSPQLLVYNAKTLADGVPSRF
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                                                                                                                                                                                                                                                 4 LTQSPAIMSASPGEKVTMTCRASSSVSSSYLHWYRQKSGASPKLWIYSTSNLASGVPARF 63
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10, 5932449
                                   KDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                     TLTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
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                                                                                                                                                                SGSGSGTQYSLKINSLQPEDFGSYYCQHFWSTPWTFGGGTKLEIKRADAAPTVSIFPPSS
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VALDES, JAMES J.
MOHYEE, ELDEFRAWI E.
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80.7%;
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US-08-792-824-12
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                                                                 Sequence 12, Applic Patent No. 5932449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Apprint No. 5932449
                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 171;
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                GENERAL INFORMATION:
APPLICANT: EMANUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Biffont, U. J.
REGISTRATION NUMBER: 39,908
REGISTRATION NUMBER: DAM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 410-671-1158
TELEFAX: 410-671-2534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 410-671-2534
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL
 APPLICANT:
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APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MOHYEE,
                                                                                                                                                                 205
                                                                                                                                                                                183 KDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
                                                                                                                                                                                                                                145
                                                                                                                                                                                                                                                                123
                                                                                                                                                                                                                                                                                              85
                                                                                                                                                                                                                                                                                                                 64 SGSGSGTSYSLTISSVEAEDAATYYCQQY-SGYRTFGGGTKLEIKRADAAPTVSIFPPSS 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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ZIP: 21010-5423
                                                                                                                                                                                                                                                                                                                                                            26 MTQSPASLSASVGETVTITCRASGNI-HNYLAWYQQKQGKSPQLLVYNAKTLADGVPSRF 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: U.S. Army Chemical and Biological Defense ADDRESSEE: Command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                            4 LTQSPAIMSASPGEKVTMTCRASSSVSSSYLHWYRQKSGASPKLWIYSTSNLASGVPARF 63
                                                                                                                                                                                                                                               EQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT 182
                                                                                                                                                                                                                                                                                              SGSGSGTQYSLKINSLQPEDFGSYYCQHFWSTPWTFGGGTKLEIKRADAAPTVSIFPPSS
                                                                                                                                                                 KDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                                                                                                                                                                                                EQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT
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                                                                               Application US/08792824
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EMANUEL, PETER A.
BURANS, JAMES P.
VALDES, JAMES J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        236 amino acids
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VALDES,
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JAMES J.
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80.7%;
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DETECTION OF BOTULINUM TOXIN
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Pred. No. 5.8e-64;
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Length 236; Indels

2;

Gaps

2

TITLE OF INVENTION:

APPLICANT: MOHYEE, ELDEFRAWI E.

COMPUTER READABLE FORM:

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                                                                                                                                                                                                 Sequence 8, Application US/08737129A Patent No. 5885816 GENERAL INFORMATION:
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                         APPLICANT: Ikuo FUJII et al.
TITLE OF INVENTION: CATALYTIC ANTIBODIES ENANTIOSELECTIVELY
TITLE OF INVENTION: HYDROLYSING AMINO ACID ESTER DERIVATIVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 410-671-1158
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                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                              NUMBER OF SEQUENCES:
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                   123 EQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT 182
COUNTRY: U.S.A.
ZIP: 20005
                                CITY: Washington STATE: D.C.
                                                                       STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26 MTQSPASLSASVGETVTITCRASGNI-HNYLAWYQQKQGKSPQLLVYNAKTLADGVPSRF 84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Biffoni, U. J. REGISTRATION NUMBER: 39,908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/792,824 FILING DATE:
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                                                                                         ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                           EQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SGSGSGTQYSLKINSLQPEDFGSYYCQHFWSTPWTFGGGTKLEIKRADAAPTVSIFPPSS 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    171;
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                                                                 E: Wenderoth, Lind & Ponack
805 Fifteenth Street, N.W., #700
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80.7%;
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Pred. No. 5.8e-64;
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                                                                                                                                             ESTER DERIVATIVES
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; TOPOLOGY: 11; MOLECULE TYPE: US-08-737-129A-8
                                                                                                                                                                                                                                                                                                                     RESULT 11
PCT-US94-14106-57
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Matches 172;
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                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                     TITLE OF INVENTION: PR
NUMBER OF SEQUENCES: 6
COMPUTER READABLE FORM:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                         CURRENT APPLICATION DATA:
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LENGTH: 215 amino acids
TOPOLOGY: 1
                                                           SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                 180 TLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII (text)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60
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SOFTWARE: Wordper
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COMPUTER: IF
                                                                                           CLASSIFICATION:
                                                                                                           APPLICATION NUMBER: FILING DATE:
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REFERENCE/DOCKET NUMBER:
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                                         LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SRFSGSGSGQDYSLTISSLEYEDMGIYYCLQYDEFPYTFGGGTKLEIKRADAAPTVSIFP 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ELVMTQTPSSMYASLGERVTITCKASQDI-NIYLSWFQQKPGKSPKALIYRTNGLVDGVP 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
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                            amino acid
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                                         218 amino acids
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linear
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              linear
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                                                                                                                                                                                                     Floppy disk
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                                                                                                                                                                                                                                                       Process for Generating Specific Antibodies
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                                                                                                                            PCT/US94/14106
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PCT-US94-07659-4
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Best Local (
                                       TELEFAX: (610) 270-5090
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 234 amino acids
TYPE: amino acid
                                                                                                                         NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50171-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 270-5024
                                                                                                                                                                                                          APPLICATION NUMBER: US 08/090,534
FILING DATE: 09-JUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Jackson, Jeffrey R.
TITLE OF INVENTION: Recombinant and Humanized II-1 beta
TITLE OF INVENTION: Antibodies for Treatment of II-1 Mediated Inflammatory
TITLE OF INVENTION: Disorders in Man
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
             MOLECULE TYPE:
                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 709 Swedeland CITY: King of Prussia
                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: SmithKline Beecham Corporation - ADDRESSEE: Intellectual Property STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PPSSEQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSST 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VMTQSPASLAVSLGQRATISCRVRQSVSTSSHSYMHWYQQKPGQPPKLLIKYASNLESGV 62
                                                                                                                                                                                                                                                                                                                                                                                                                                      19406-2799
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Hurle, Mark
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                               linear
            protein
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79.2%;
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Pred. No. 4e-63;
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RESULT 14
PCT-US94-14106-61
Sequence 61, Application PC/TUS9414106
GENERAL INFORMATION:
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CURRENT FILING DATE: 1998-11-13
EARLIER APPLICATION NUMBER: JP HEI 9-313989
EARLIER FILING DATE: 1997-11-14
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 4
LENGTH: 238
THERET NEMBER: 1997-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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Best Local Similarity 79.7
Matches 169; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Karasuyama, Hajime
APPLICANT: Yonekawa, Hiromichi
APPLICANT: Taya, Choji
APPLICANT: Matsuoka, Kunie
TITLE OF INVENTION: Transgenic Animal Allergy Models and Methods for Their Use
FILE REFERENCE: 799P79570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
                                                                                                                      202
                                                                                                                                         178 TLTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                                                                                                                                                             142 FPPSSEQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSS 201
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                                                                                                                                                                                                                                                                                                                                          82 VPDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQGSHVPLTFGAGTKLELKRADAAPTVSI 141
                                                                                                                                                                                                                                                                                       59 VPARFSGSGSGTSYSLTISSVEAEDAATYYCQQYSGY-RTFGGGTKLEIKRADAAPTVSI 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83
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                                                                                                                      TLTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC
                                                                                                                                                                                                              FPPSSEQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSS 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDRKDSTYSMSSTLTLT
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                                                                                                                                                                                                                                                                                                                                                                                                                     165;
                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                      76.0%;
76.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       78.7%; Score 882; DB 5; 79.7%; Pred. No. 4.3e-63; tive 17; Mismatches 24
                                                                                                                                                                                                                                                                                                                                                                                                                     17;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 852.5; DB Pred. No. 9.7e-61
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 4;
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APPLICANT:

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RESULT 15
US-08-792-824-6
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INFORMATION FOR SEQ ID NO: 61
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/08792824 Patent No. 5932449 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 75.7%; Score 849; DB 5; I Best Local Similarity 75.9%; Pred. No. 1.7e-60; Matches 164; Conservative 16; Mismatches 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: EMANUEL, PETER A.
APPLICANT: BURANS, JAMES P.
APPLICANT: WALDES, JAMES J.
APPLICANT: MOHYEE, ELDEFRAWI E.
TITLE OF INVENTION: DETECTION OF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Biffoni, U. J.
REGISTRATION NUMBER: 39,908
REFERENCE/DOCKET NUMBER: DAI
                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER: PATENT PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOCTWARE: ASCII (text) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Process for Generating Specific Antibodies NUMBER OF SEQUENCES: 61
COMPOUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               179 LTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       183 LTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC 218
                                                                                                          APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                  COUNTRY: U.S. ZIP: 21010-5423
                                                                                                                                                                                                                                                                                                                                         STREET: Office of the Chief Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           63 VPDRFSGSGSGTDFTLKISRVEAEDLGVYFCSQSTHVLTFGAGTKLELKRADAAPTVSIF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 59 VPARFSGSGSGTSYSLTISSVEAEDAATYYCQQYSGYRTFGGGTKLEIKRADAAPTVSIF 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US94/14106 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: U.S. Army Chemical and Biological Defense ADDRESSEE: Command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 VLTQSPAIMSASPGEKVTMTCRASSSV----SSSYLHWYRQKSGASPKLWIYSTSNLASG 58
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                                                                                                                                                                                                                                                                                                                                                                    Office of the Chief Counsel, Bldg E4435
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                                                                                                                               US/08/792,824
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    DAM 431-96
                                                                                                                                                                           #1.30
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                                                                                                                                                                                                                                                                                                                              Matches 161; Conservative
                                                                                                                                                                                                                                                                                                                                            Query Match 75.1%; Score 842; DB 2; Best Local Similarity 78.2%; Pred. No. 6.4e-60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 410-671-2534 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 410-671-1158
                                      183
  205
                                                                                                 123 EQLTSGGASVVCFLNNFYPRDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 233 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                  64 SGSGSGTSYSLTISSVEAEDAATYYCQQY-SGYRTFGGGTKLEIKRADAAPTVSIFPPSS 122
                                                                                                                                                                                                                                             26
                                                                                                                                                                                                                                                                  4 LTQSPAIMSASPGEKVTMTCRASSSVSSSYLHWYRQKSGASPKLWIYSTSNLASGVPARF 63
                     KDEYERHNSYTCEATHKTSTSPIVKS 208
                                                                                                                                                                                                                                             HTQSPASLSASVGETVTITCRASGNI-HNYLAWYQQKQGKSPQLLVYNAKTLADGVPSRF 84
KDEYERHNSYTCEATHKTSTSPLSRA 230
                                                                            EQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDSKDSTYSMSSTLTLT 204
                                                                                                                                                               SGSGSGTQYSLKINSLQPEDFGSYYCQHFWSTPWTFGGGTKLEIKRADAAPTVSIFPPSS 144
                                                                                                                                                                                                                                                                                                                           20; Mismatches
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Gaps

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